Date __/__/__
Page _____

23/1/24 LAB PROGRAM-6

PACKAGES:

```
package CIE;
import java.util.Scanner;
public class student
{
    int USN;
    String Name;
    int Sem;
    Scanner sc = new Scanner(System.in);
    public void accept()
    {
        System.out.println("USN");
        USN = sc.nextInt();
        System.out.println("Name");
        Name = sc.next();
        System.out.println("Sem");
        Sem = sc.nextInt();
    }
    public void display()
    {
        System.out.println("Name is:"+Name);
        System.out.println("USN"+USN);
        System.out.println("Sem"+Sem);
    }
}
```

```
package CIE;
import java.util.Scanner;
public class Internals Extends Stu
{
    public int IMarks [] = new int[5
    public void accept()
{
    System.out.println("Enter marks
    Scanner.out.println(S1 = new
    Scanner(System.in);
for(int i=0; i<5; i++)
{
    System.out.println("Marks in
    +(i+1)+"Subject is");
IMarks [i]=S1.nextInt();
}
}
public void display()
{
    System.out.println("Internal
    Details");
for( int i=0; i<5; i++)
{
    System.out.println("Marks in
    +(i+1)+" Subject is + IMarks
    [i]);
}
}
}
```

Date __/__/__
Page _____

```
package SEE;
import CIE.Student;
import java.util.Scanner;
public class Externals extends Student
{
    public int EMarks[] = new int[5];
public void accept()
{
    System.out.println("Enter marks in
                        5 subjects");
Scanner sl = new Scanner(System.in);
for (int i=0; i<5; i++)
{
    System.out.println("Marks "+(i+1)+"
                        Subject in ");
    EMarks[i] = sl.nextInt();
}
}
    public void display()
{
    System.out.println("External Details")
for (int i=0; i<5; i++)
{
    System.out.println("Marks in "+(i+1)
                +" Subject is "+ EMarks[i]);
}
}
}
```

```
import CIE.Student;
import CIE.Internals;
import SEE.Externals;
import java.util.Scanner;
public class Final
{
    public static void main(String[])
{
    Scanner S1 = new Scanner(System.in);
int n;
System.out.println("Enter an value");
n = S1.nextInt();
CIE.Student S[] = new CIE.Student[n];
CIE.Internals I[] = new CIE.Internals[n];
SEE.Externals E[] = new SEE.Externals[n];
for(int i=0; i<n; i++)
{
    J[i] = new CIE.Student();
    I[i] = new CIE.Internals();
    E[i] = new SEE.Externals();
    S[i].accept();
    I[i].accept();
    E[i].accept();
    S[i].display();
    I[i].display();
    E[i].display();
for(int j=0; j<5; j++)
{
int finalmarks = I[i].IMarks[j]+
                 E[i].EMarks[j];
System.out.println("Marks in:" +(j+1)+"
    Subjects is +" final marks);
}
```

}
}
}

output
Enter n value
1
USN
1
Name
A
Sem
I
Enter Marks in 5 subjects
45
34
50
44
46
Enter SEE marks in 5 subjects
33
45
50
44
45
Name is : A
USN is 1
Sem is : 1
Internal Details
Marks in 1 subject : 45
Marks in 2 subject : 34
Marks in 3 subject : 50
Marks in 4 subject : 44

Marks in 5 subject : 46

External Details:
Marks in 1 subject : 33
Marks in 2 subject : 45
Marks in 3 subject : 50
Marks in 4 subject : 44
Marks in 5 subject : 45

Total Marks:
Marks in 1 subject : 78
Marks in 2 subject : 79
Marks in 3 subject : 100
Marks in 4 subject : 88
Marks in 5 subject : 91

28/11/24